SUMMARY STATEMENT

ITEM NO.: DRPA-14-113

SUBJECT: Philadelphia Port Major River Crossing Impact Study

COMMITTEE:

Operations & Maintenance

COMMITTEE MEETING DATE:

September 3, 2014

BOARD ACTION DATE:

September 18, 2014

PROPOSAL: That the DRPA Commission authorizes staff to enter into an agreement with the Delaware Valley Regional Planning Commission using Sole Source procurement procedures for the purpose of conducting the Philadelphia Port Major River Crossing Impact Study.

PURPOSE: To enter into an agreement with the Delaware Valley Regional Planning Commission using Sole Source procurement procedures for the purpose of conducting the Philadelphia Port Major River Crossing Impact Study being funded by the FY 2013 Port Security Grant Program through the Department of Homeland Security.

BACKGROUND: The Port Security Grant Program (PSGP) provides grant funding to support maritime transportation infrastructure security activities. PSGP funds are intended to improve port-wide maritime security risk management; enhance maritime domain awareness; support maritime security training and exercises; and to maintain or reestablish maritime security mitigation protocols that support port recovery and resiliency capabilities. PSGP investments address U.S. Coast Guard (USCG) identified vulnerabilities in port security and support the prevention, protection against, response to, and recovery from attacks involving improvised explosive devices (IED) and other non-conventional weapons.

The Philadelphia Port Major River Crossing Impact Study will determine the primary, secondary, and tertiary effects of one or a series of DRPA bridge compromises. In particular, the study will determine the effects of DRPA bridge failures on the transportation of people and goods across the region and impacts to the regional economy. The results of the study will be used to devise deterrence and mitigation plans in protection and recovery from bridge compromises.

A sole source award of the Philadelphia Port Major River Crossing

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Impact Study to the Delaware Valley Regional Planning Commission (DVRPC) is justifiable because DVRPC developed, maintains, and uses the regional travel demand model (Travel Improvement Model Version 2.2), which is the only comprehensive and current model of travel behavior in the Philadelphia region. The use of this model is essential for the production of the Philadelphia Port Major River Crossing Impact Study because it provides the most current and accurate data required to complete the study. Moreover, DVRPC’s highly skilled staff possesses the technical knowledge and experience to utilize the Travel Improvement Model in concert with economic modeling software to produce valid and reliable data on the economic impacts of the transportation scenarios to be studied. The use of this model and DVRPC’s expertise is necessary to produce the most accurate findings, which will enable DRPA to produce dependable mitigation plans to protect and recover from a bridge failure.

SUMMARY:

Amount: $315,000 (75% Grant Funded)
Source of Funds: 75% Grant; 25% General
Capital Project#: N/A
Master Plan Status: N/A
Other Fund Sources: N/A
Duration of Contract: 8/31/2015
Other Parties Involved: DHS, FEMA, TSA, USCG, DVRPC
RESOLUTION

RESOLVED: That the appropriate officers of the Delaware River Port Authority be and hereby are authorized to enter into an agreement with the Delaware Valley Regional Planning Commission for the purpose of conducting the Philadelphia Port Major River Crossing Impact Study.

RESOLVED: The Chair, Vice Chair and the Chief Executive Officer must approve and are hereby authorized to approve and execute all necessary agreements, contracts, or other documents on behalf of the DRPA. If such agreements, contracts, or other documents have been approved by the Chair, Vice Chair and Chief Executive Officer and if thereafter either the Chair or Vice Chair is absent or unavailable, the remaining Officer may execute the said document(s) on behalf of DRPA along with the Chief Executive Officer. If both the Chair and Vice Chair are absent or unavailable, and if it is necessary to execute the said document(s) while they are absent or unavailable, then the Chief Executive Officer shall execute such documents on behalf of DRPA.

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